

CLAIMS

1. A softening protein hybrid comprising an amino acid sequence comprising a cellulose binding domain linked to a softening protein.
2. A fabric care composition comprising one or more amino acid sequence(s) comprising a cellulose binding domain and/or a softening protein hybrid according to claim 1.
3. A softening protein hybrid or fabric care composition according to claims 1-2, wherein the cellulose binding domain is selected from the group consisting of CBD CenC, CenA, Cex from *Cellulomonas fimi*, CBD CBHI from *Trichoderma reesei*, CBD Cellulozome from *Clostridium cellulovorans*, CBD E3 from *Thermonospora fusca*, CBD-dimer from *Clostridium stecorarium* XynA, CBD from *Bacillus agaradherens*, CBD family 45 from *Humicola insolens* and/or mixtures thereof.
4. A softening protein hybrid or fabric care composition according to claim 3 wherein the amino acid sequence comprising a cellulose binding domain is selected from the group consisting of CBD family 45 from *Humicola insolens*, CBD CenC from *Cellulomonas fimi* and/or CBD Cellulozome from *Clostridium cellulovorans*.
5. A softening protein hybrid or fabric care composition according to claims 1-4 wherein several amino acid sequences comprising a cellulose binding domain are cross-linked.
6. A softening protein hybrid or fabric care composition according to claim 5 wherein 2 to 50, preferably 2 to 10 amino acid sequences a cellulose binding domain are cross-linked.
7. A softening protein hybrid or fabric care composition according to claims 5-6 wherein the amino acid sequence comprising the N-terminal CBD of *Trichoderma reesei* CBHII is linked to the amino acid sequence comprising the C-terminal CBD of *Trichoderma reesei* CBHI.

8. A softening protein hybrid or fabric care composition according to claims 2-7 wherein said softening protein is an inactive enzyme and/or a C18 alkyl quaternary wheat protein derivative.
9. A softening protein hybrid or fabric care composition according to claims 2-8 wherein said softening protein is linked to said amino acid sequence comprising a cellulose binding domain, via a linking region.
10. A softening protein hybrid or fabric care composition according to claim 9 wherein said linking region is a non-amino acid linking region, preferably a polymer selected from PEG(NPC)2, (NH<sub>2</sub>)<sub>2</sub>-PEG, t-BOC-NH-PEG-NH<sub>2</sub>, MAL-PEG-NHS and/or VS-PEG-NHS polymers.
11. A softening protein hybrid or fabric care composition according to claim 9 wherein said linking region is an amino acid linking region.
12. A fabric care composition according to claim 2-11 further comprising another fabric care ingredient.
13. A fabric care composition according to claims 2-12 wherein the other fabric care ingredient is selected from a cationic surfactant comprising two long alkyl chain lengths, a clay, and/or a transferase.
14. A method comprising the step of contacting a fabric with a fabric care composition according to claims 2-13 to provide fabric softness, anti-wrinkle properties, anti-bobbling properties, anti-shrinkage properties, static control, colour appearance and fabric anti-wear properties and to provide, refurbish or restore tensile strength.

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